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PTO/SB08A/B (04-03)

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FEB 06 2004

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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SHEET 1 of 2

COMPLETE IF KNOWN	
Application Number	10/645,080
Confirmation Number	6935
Filing Date	08/21/2003
First Named Inventor	Erik John Hasenoehrl
Group Art Unit	1615
Examiner Name	Hasan S. Ahmed
Attorney Docket Number	9344

### U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
HA	01	2001/0026792 A1	10/04/2001	Farrell et al	
	02	2002/0037255 A1	03/28/2002	Charamubura et al	
	03	2002/076554 A1	06/20/2002	Stopper	
	04	2002/182245 A1	12/05/2002	Thomson	
	05	2003/0059387 A1	03/27/2003	Bergquist	
	06	2003/0063136 A1	04/03/2003	J'Maev	
	07	2003/0064042 A1	04/03/2003	Bergquist	
	08	2003/0084914 A1	05/08/2003	Simon	
	09	2003/0084994 A1	05/08/2003	Simon	
	10	2003/0199404A1	10/23/2003	Lorenzi et al.	
	11	1,808,834	06/01/1931	Busch, Sr.	
	12	3,472,242	10/14/1969	Demner	
	13	4,203,857	05/20/1980	Dugan	
	14	4,234,442	11/18/1980	Cornelissens	
	15	4,272,393	06/09/1981	Gergely	
	16	4,397,754	08/09/1983	Collishaw et al.	
	17	4,436,780	03/13/1984	Hotchkiss et al.	
	18	4,515,703	05/07/1985	Haq	
	19	4,600,620	07/15/1986	Lloyd et al.	
	20	4,603,069	07/29/1986	Haq et al.	
	21	4,852,201	08/01/1989	Wundrock et al.	
	22	4,866,806	09/19/1989	Bedford	
	23	4,906,513	03/06/1990	Kebbell et al.	
	24	4,948,585	01/15/1991	Amstad	
	25	4,987,632	01/29/1991	Rowe et al.	
	26	4,993,099	02/19/1991	Emura et al.	
	27	5,055,216A	10/08/1991	Johnson	
	28	5,470,323A	11/28/1995	Smith et al.	
	29	5,595,807A	01/21/1997	Gooding, Jr., et al.	
	30	5,639,532A	06/17/1997	Wells	
	31	5,720,949A	02/24/1998	Davis	
	32	5,762,946A	06/09/1998	Gueret	
	33	5,771,524A	06/30/1998	Woods et al.	
	34	5,956,794A	09/28/1999	Skiba et al.	
	35	6,029,809A	02/29/2000	Skiba et al.	
	36	6,063,390A	05/16/2000	Farrell et al.	
	37	6,106,849A	08/22/2000	Malkan et al.	
	38	6,121,215A	09/19/2000	Rau	
	39	6,153,222A	11/28/2000	Becher	
	40	6,156,323A	12/05/2000	Verdicchio et al.	
	41	6,217,854A	04/17/2001	Farrell et al.	
	42	6,217,889A	04/17/2001	Lorenzi et al.	
	43	6,294,182A	09/25/2001	Znaiden et al.	
	44	6,267,975A	07/31/2001	Smith, III, et al.	
	45	6,322,801A	11/27/2001	Lorenzi et al.	
HA	46	6,491,933A	12/10/2002	Lorenzi et al.	

HASAN S. AHMED

2 SEPTEMBER 2006

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Substitute for form 1449A/PTO		COMPLETE IF KNOWN	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number	10/645,080
		Confirmation Number	6935
		Filing Date	08/21/2003
		First Named Inventor	Erik John Hasenoehrl
		Group Art Unit	1615
		Examiner Name	Hasan S. Ahmed
SHEET 2 of 2		Attorney Docket Number	9344

### U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
HA	47	6,491,937A	12/10/2002	Slavtcheff et al.	
HA	48	6,506,713 B1	01/14/2003	Slavtcheff et al.	


### FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENT Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
HA	49	BR 9900032 A	08/08/2000	Langbeck		Abstract
	50	DE 10208678 A1	09/12/2002	Scholz et al.		Abstract
	51	DE 3529305	02/19/1987	Heidinger		Abstract
	52	DE 00175205	09/27/1906	Schmidt		Abstract
	53	EP 374638 A2	06/21/1990	Henkel KGAA		Abstract
	54	EP 332066 A2	09/13/1989	Latzke		Abstract
	55	EP 1281393 A2	02/05/2003	Bode Chem GmbH & Co		Abstract
	56	FR 2653059 A	04/19/1991	Minn. Mining Manufacturing		Abstract
	57	JP 2003027094 A2	01/29/2003	Kanebo Ltd		Abstract
	58	JP 2002302021 A2	10/15/2002	INOAC Corp		Abstract
	59	JP 2002275050 A2	09/25/2002	Kanebo Ltd		Abstract
	60	JP 2002/017600 A2	01/22/2002	Bridgestone Kaseihin Tokyo KK		Abstract
	61	JP 59131638 A2	07/28/1984	Sanwa Kako KK		Abstract
	62	JP 55088730 A	07/04/1980	Earth Seiyaku KK		Abstract
	63	WO 90/11039 A1	10/04/1990	Cabo Corporation		
	64	WO 97/43366 A1	11/20/1997	Procter & Gamble		
	65	WO 99/20318 A2	04/29/1999	Advanced Medical Solutions		
	66	WO 2000/033780 A1	06/15/2000	Varona et al.		
	67	WO 2002/062566	08/15/2002	Advance USA		
	68	WO 2002/085965 A1	12/31/2002	Henkel KGAA		Abstract
	69	WO 2002/094214 A1	11/28/2002	Kanebo Limited		Abstract
HA	71	WO 2003004070 A1	01/16/2003	Procter & Gamble		
EXAMINER	HASAN S. AHMED			DATE CONSIDERED	20 September 2006	

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**SHEET 1 of 1**

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<u><b>FOREIGN PATENT DOCUMENT</b></u>								
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H <sub>a</sub>	05	DE	197 45 964 A		06/25/1998	Wella AG		Abstract
	06	JP	08-268828 A		10/15/1996	Shiseido Co Ltd		Abstract
	07	JP	10-245075 A		08/14/1998	Kawai Hiroshi		Abstract
	08	WO	01/56542 A		08/09/2001	Unilever PLC		
	09	WO	03/022230 A1		03/20/2003	Unilever PLC		
H <sub>a</sub>	10	WO	03/070211 A1		08/28/2003	Unilever PLC		
<b>EXAMINER</b>	HASAN S. AHMED				<b>DATE CONSIDERED</b>	2 SEPTEMBER 2006		

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**SHEET 1 of 1**

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HA	02	CN	1034404 A		08/02/2002	Faming Zhuanli Shengqing	
↑	03	JP	02-265516 A		10/30/1990	Daido-Maruta Finishing	
	04	WO	99/46119 A1		09/16/1999	BBA Nonwovens Simpsonville	
↓	05	WO	2004/022025 A1		03/18/2004	Hinduston Lever Limited	
HA	06	WO	2004/058197 A1		07/15/2004	Hindustan Lever Limited	
	07	WO	2004/059062 A1		07/15/2004	Hindustan Lever Limited	
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